

IN THE CLAIMS

The pending claims are as follows:

1. (Previously Presented) A method of transmitting interactive television, whereby at least an interactive television application is transmitted inside application-modules in a broadcast stream that includes television content, said method comprising the step of

signaling storage related information of said modules in said broadcast stream; and

transmitting said broadcast stream including said modules, characterized in that said step of signaling storage related information comprises:

signaling of categories stating whether said modules are mandatory, optional or forbidden to record.

2. (Previously Presented) The method as claimed in claim 1, wherein said interactive television application is transmitted as at least one application object inside DSMCC-modules in said broadcast stream.

3. (Previously Presented) The method as claimed in claim 2, wherein said at least one application object comprises at least one application file object and at least one application directory object, said application file object comprising at least one application file and said at least one application directory object

comprising storage directory information on respective application file.

4. (Previously Presented) The method as claimed in claim 1, wherein the step of signaling storage related information further comprises the step of:

signaling module identification information in said broadcast stream.

5. (Previously Presented) The method as claimed in claim 4, whereby the step of signaling storage related information comprises:

signaling said storage related information and/or said module identification information in the Application Information Table (AIT) and/or in the Download Information Indication message.

6. (Previously Presented) The method as claimed in claim 4, whereby said module identification information is defined and included in the AIT and consists of two fields, the first field being an `organisation_id` and the second field being an `application_id`, whereby said id values are used to identify identical applications.

7. (Cancelled).

8. (Previously Presented) The method as claimed in claim 1, whereby a Digital Storage Media Command and Control generator generates groups of modules with similar storage related information in an object carousel for broadcasting.

9. (Previously Presented) The method as claimed in claim 1, whereby said signaling storage related information comprises signaling of properties of a module chosen from

- a) Code and/or Data and/or
- b) Fixed or Variable.

10. (Previously Presented) A method of receiving an interactive television broadcast stream for recording, whereby at least an interactive television application is comprised in the broadcast stream inside application-modules, said method comprising the steps of

extracting storage related information of said modules from said broadcast stream; and

recording modules which are mandatory to record, based on said storage related information, characterized in that said storage related information comprises categories stating whether said modules are mandatory, optional or forbidden to record.

11. (Previously Presented) The method as claimed in claim 10, wherein said method further comprises the step of:

recording of modules which are optional to record, based on said storage related information.

12. (Previously Presented) The method as claimed in claim 10, wherein said method further comprises the steps of:

identifying identical modules, and storing only one copy of identical modules on a specific storage medium.

13. (Previously Presented) The method as claimed in claim 10, whereby said interactive television is MHP, OpenTV or DASE.

14. (Previously Presented) An apparatus for recording and/or playing back interactive television, said apparatus being adapted to record and/or playback interactive television to and from a storage medium, said apparatus being adapted to receive interactive television from a broadcast stream, said apparatus comprising:

means for extracting storage related information of said modules transmitted inside said broadcast stream; and

means for recording modules,

characterized in that said storage related information comprises categories stating whether said modules are mandatory, optional or forbidden to record, and said means for recording being adapted to record only modules for which said storage related information allows recording.

15. (Previously Presented) The apparatus as claimed in claim 14, whereby said storage related information comprises module identification information for modules, and whereby said apparatus further comprises:

means for preventing recording of more than one application module with identical module identification information on a storage medium in said apparatus.

16. (Previously Presented) A computer-readable medium having embodied thereon a computer program for processing by a computer, the computer program comprising:

a code segment for signaling storage related information of modules in an interactive television broadcast stream, whereby at least an interactive television application is transmitted inside application-modules in a broadcast stream, characterized in that said storage related information comprises categories stating whether said modules are mandatory, optional or forbidden to record.

17-20. (Cancelled).